

# Project Audit

---



Project:  
**NodeMine NFT**

April 6, 2022

# NODEMINE



## NodeMine NFT



## Overview

This audit has been prepared for **NodeMine NFT** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	NodeMine
Ticker	NM
Contract	0xB1fb94d15F36646A4C5B65F4335515533EE924F9
Network	Avalanche
Language	Solidity
Max Supply	5000
Status	Not launched yet

## Current stats

Presale price per NFT mint	1 BNB
Regular price per NFT mint	2 BNB
Max NFT per address limit	5
Max mint amount per transaction	10

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

# Featured Wallets

Owner address

0xA4d9ACDd34afb10e6b1f6D59295f74d9e722ff7e

# Tokenomics

## Current state

There can be maximum of 5000 NFTs minted and the owner can set price for newly minted NFT.



# Security Threats

There can be maximum of 5000 NFTs in existence.

```
uint256 public maxSupply = 5000;
```

Owner can pause minting.

```
function pause(bool _state) public onlyOwner {  
    paused = _state;  
}
```

Owner can whitelist address.

Only whitelisted addresses can mint NFT at the presale price.

```
function whitelistUsers(address[] calldata _users) public onlyOwner {  
    delete whitelistedAddresses;  
    whitelistedAddresses = _users;  
}
```

Owner can set presale and after presale minting price per NFT.

```
function setPreSaleCost(uint256 _newPreSaleCost) public onlyOwner {  
    preSaleCost = _newPreSaleCost;  
}  
function setCost(uint256 _newCost) public onlyOwner {  
    cost = _newCost;  
}
```

Owner can withdraw all of existing balance in the contract.

```
function withdraw() public payable onlyOwner {  
    (bool os, ) = payable(owner()).call{value: address(this).balance}("");  
    require(os);  
}
```

# NodeMine NFT Project & Team Review

According to their whitepaper,

NodeMine NFT project will be rewarding project based on NFTs.

The owners of project's NFTs will be rewarded with yield portions of crypto mining farm. The amount of received rewards will vary depending of tier and rarity of holder's NFT. Part of the initial funds raised from the first minted NFTs will be used for purchasing (BTC and ETH) mining hardware.

Rewards for NFT holders will be paid in \$USDC and \$DAI.

## Team:

- KYC by SpyWolf

[https://spywolf.network/assets/kyc/2022/march/KYC\\_Nodemine\\_NFT.png](https://spywolf.network/assets/kyc/2022/march/KYC_Nodemine_NFT.png)





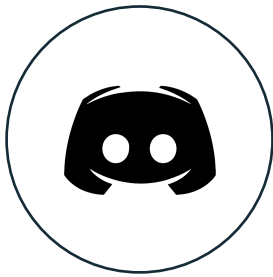
# Website Analysis

URL: <https://nodemine.io/>

- **Design:** Nice design and color scheme, single page template design.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Rewarding model is confusing and not well explained. ⚠
- **Roadmap:** Goals set at 3 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Discord

<https://discord.com/invite/nodemine>

---

- 2 468 Members
- Active members
- Active mods

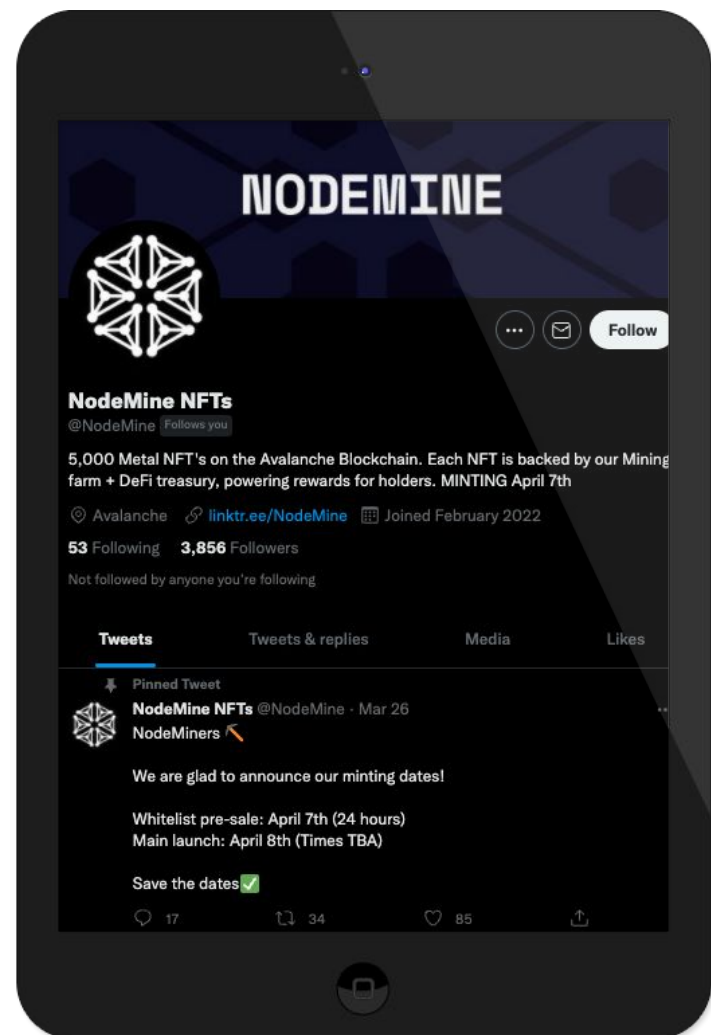


## Twitter

<https://twitter.com/NodeMine>

---

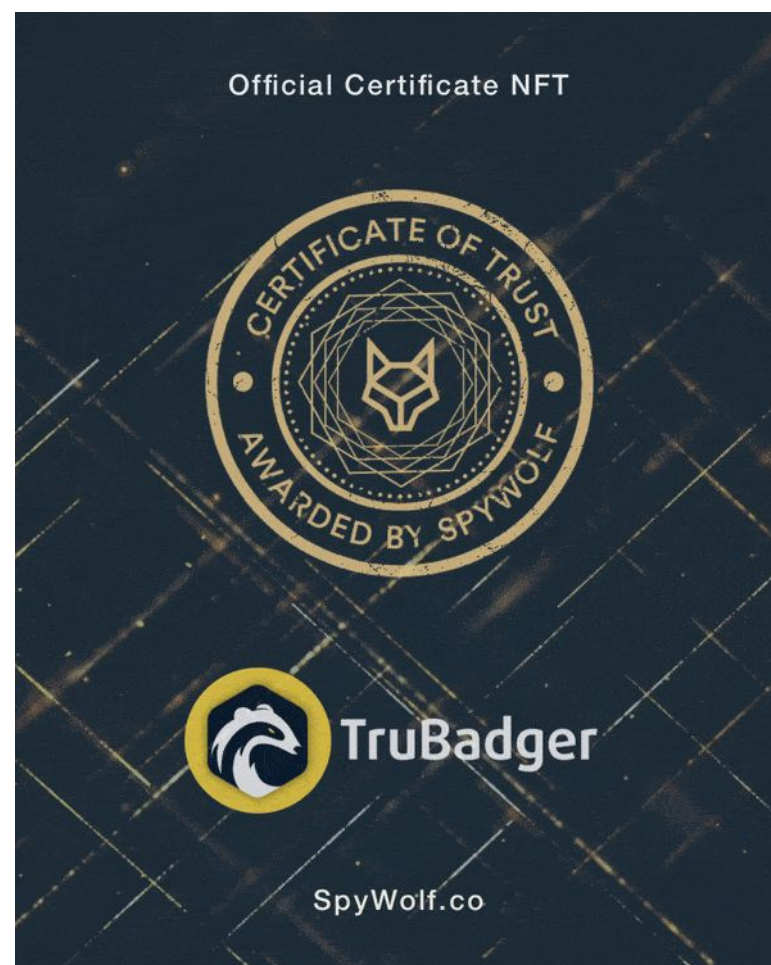
- 3 937 Followers
- Active



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

## **DISCLAIMER:**

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.